

\_\_\_\_\_

Page 1

**Accept**



**Setup Start**

**Stop**

[illegible]**Cust Item ID:**

11-11-11

**Customer:**

**Reference:**

Date: 07/15/08 Tooling:

Date:

**Run Start**

**QC:**

**Date:** \_\_\_\_\_ **SPC (Y/N):** \_\_\_\_\_

Date:

**Stop**

[illegible]

**Work Order ID 37507**

Page 2

July 1, 2009 11:21:46 AM

Item ID: D412-742-011

Accept



Setup Start



Revision ID: D

Stop



Item Name: Float Skidtube Installation

Start Date: 07/15/2009 Start Qty: 1.00



Cust Item ID:

Required Date: 08/03/2009 Req'd Qty: 1.00



Customer:

Reference:

Run Start



Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Stop



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130  Packaging	Packaging	0.00							
Packaging	<b>Memo</b> Identify and pack for shipping as per PPP D412-742-011 Location: _____	0.00							
140  QC	QC21- Final Inspection - Work Order Release	0.00							
Quality Control	<b>Memo</b>	0.00							

MUF  
11-04-20

**Picklist Print**

July 1, 2009 11:21:44 AM

Page 1

Work Order ID: 37507

Parent Item: D412-742-011RevD

Parent Item Name: Float Skidtube Installation


Start Date: 07/15/2009

Required Date: 08/03/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3672-11RevB		Manufactured	No				Each	231.0000	16.0000			
												
Phenolic Washer												

WarehouseLoc QtyLoc CodeLocation

Main Warehouse

ST

231

35524

231

D412-742-041RevH

Manufactured

No

Each

0.0000

1.0000



Replacement Float Skidtube

D3456-1RevA

Manufactured

No

110

Each

70.0000

1.0000



Washer

WarehouseLoc QtyLoc CodeLocation

OFFSHORE

FG

7

25701

7

Main Warehouse

ST

63

46752

63

# Picklist Print

July 1, 2009 11:21:44 AM

Page 2

Work Order ID: 37507

Parent Item: D412-742-011RevD

Parent Item Name: Float Skidtube Installation



Comments:

Start Date: 07/15/2009



Required Date: 08/03/2009

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN3C37A 		Purchased	No			120	Each	141.0000	3.0000			
BOLT												

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
OFFSHORE		
FG	41	
111775	41	
Main Warehouse		
ST	100	
111976	100	

AN3C40A 		Purchased	No			120	Each	82.0000	2.0000			
BOLT												

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	82	
106169	8	
106176	74	

**Picklist Print**

July 1, 2009 11:21:44 AM

Page 3

Work Order ID: 37507

Parent Item: D412-742-011RevD

Parent Item Name: Float Skidtube Installation


Start Date: 07/15/2009

Required Date: 08/03/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN3C41A  BOLT		Purchased	No			120	Each	102.0000	3.0000			

WarehouseLoc QtyLoc CodeLocation

Main Warehouse

ST


102

103324

4

111925

98

AN3C42A  BOLT		Purchased	No			120	Each	152.0000	3.0000			
--	--	-----------	----	--	--	-----	------	----------	--------	--	--	--

WarehouseLoc QtyLoc CodeLocation

OFFSHORE

FG

52

106169

52

Main Warehouse

ST

100

106176

100

July 1, 2009 11:21:44 AM

Shop Packet Print

Page 3

# Picklist Print

July 1, 2009 11:21:44 AM

Page 4

Work Order ID: 37507

Parent Item: D412-742-011RevD

Parent Item Name: Float Skidtube Installation


Comments:

Start Date: 07/15/2009


Required Date: 08/03/2009

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN3C43A  BOLT		Purchased	No			120	Each	113.0000	3.0000			

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	113	
106227	2	
106228	35	
106299	2	
107457	74	

AN3C44A  BOLT		Purchased	No			120	Each	182.0000	9.0000			
--	--	-----------	----	--	--	-----	------	----------	--------	--	--	--

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	182	
106187	82	
110848	100	

July 1, 2009 11:21:44 AM

Shop Packet Print

Page 4

# Picklist Print

Page 5

July 1, 2009 11:21:44 AM

Work Order ID: 37507

Parent Item: D412-742-011RevD

Parent Item Name: Float Skidtube Installation



Comments:

Start Date: 07/15/2009



Required Date: 08/03/2009

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN3C47A 		Purchased	No			120	Each	123.0000	10.0000 			
BOLT												

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	123	
106171	74	
110847	49	

AN4C47A 		Purchased	No			120	Each	128.0000	4.0000 			
Bolt												

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	128	
110847	4	
111425	21	
111635	100	
111647	3	

July 1, 2009 11:21:44 AM

Shop Packet Print

Page 5

# Picklist Print

July 1, 2009 11:21:44 AM

Page 6

Work Order ID: 37507

Parent Item: D412-742-011RevD

Parent Item Name: Float Skidtube Installation



Comments:

Start Date: 07/15/2009



Required Date: 08/03/2009

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN4C52A 		Purchased	No			120	Each	237.0000	8.0000			
BOLT												

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	237	
103914	19	
105423	218	

AN4C6A 		Purchased	No			120	Each	262.0000	16.0000			
Bolt												

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	262	
103344	4	
111295	6	
111724	252	

July 1, 2009 11:21:44 AM

Shop Packet Print

Page 6



# Picklist Print

July 1, 2009 11:21:44 AM

Page 7

Work Order ID: 37507



Parent Item: D412-742-011RevD



Parent Item Name: Float Skidtube Installation



Start Date: 07/15/2009

Required Date: 08/03/2009



Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN4C7A  Bolt		Purchased	No			120	Each	459.0000	4.0000 			

<u>Warehouse</u> <u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
OFFSHORE		
FG	4	
106302	4	
Main Warehouse		
ST	455	
109147	455	

AN6C12A  BOLT		Purchased	No			120	Each	203.0000	8.0000 			
--	--	-----------	----	--	--	-----	------	----------	---	--	--	--

<u>Warehouse</u> <u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
Main Warehouse		
ST	203	
104289	3	
110396	200	

July 1, 2009 11:21:45 AM

Shop Packet Print

Page 7

# Picklist Print

July 1, 2009 11:21:45 AM

Page 8

Work Order ID: 37507

Parent Item: D412-742-011RevD

Parent Item Name: Float Skidtube Installation


Comments:

Start Date: 07/15/2009


Required Date: 08/03/2009

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN960C10L  washer		Purchased	No			120	Each	5,096.000	66.0000			

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	5096	
103585	100	
112116	4996	

AN960C416L  WASHER		Purchased	No			120	Each	569.0000	32.0000			
---	--	-----------	----	--	--	-----	------	----------	---------	--	--	--

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	569	
104925	44	
108672	4	
109220	3	
110002	4	
110139	1	
110382	8	
110523	14	
111127	4	
111424	7	
111808	427	
111916	53	

July 1, 2009 11:21:45 AM

Shop Packet Print

Page 8

# Picklist Print

Page 9

July 1, 2009 11:21:45 AM

Work Order ID: 37507

Parent Item: D412-742-011RevD

Parent Item Name: Float Skidtube Installation


Comments:

Start Date: 07/15/2009

Required Date: 08/03/2009

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN960C616L  WASHER		Purchased	No			120	Each	152.0000	8.0000			

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
OFFSHORE		
FG	2	
107242	2	
Main Warehouse		
ST	150	
110382	100	
111424	50	

D2571RevE

Manufactured No

120 Each 25.0000 1.0000



Saddle, Fwd Out 205

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	25	
11644	1	
43564	4	
47564	8	
48352	12	

July 1, 2009 11:21:45 AM

Shop Packet Print

Page 9

# Picklist Print

Page 10

July 1, 2009 11:21:45 AM

Work Order ID: 37507

Parent Item: D412-742-011RevD

Parent Item Name: Float Skidtube Installation



Comments:

Start Date: 07/15/2009



Required Date: 08/03/2009

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D2572RevE 		Manufactured	No			120	Each	18.0000	1.0000			
Saddle, Fwd In 205												

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	18	
43565	4	
47565	6	
48353	8	

D2573RevE 		Manufactured	No			120	Each	25.0000	1.0000			
Saddle, Aft Out 205												

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	25	
43566	4	
44206	1	
47566	7	
48354	13	

July 1, 2009 11:21:45 AM

Shop Packet Print

Page 10

# Picklist Print

July 1, 2009 11:21:45 AM

Page 11

Work Order ID: 37507

Parent Item: D412-742-011RevD

Parent Item Name: Float Skidtube Installation


Comments:

Start Date: 07/15/2009


Required Date: 08/03/2009

Start Qty: 1.00


Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D2574RevE  Saddle, Aft In 205		Manufactured	No			120	Each	12.0000	1.0000			

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	12	
43567	4	
48355	8	

D2747RevB  Set Screw		Manufactured	No			120	Each	305.0000	4.0000			
---	--	--------------	----	--	--	-----	------	----------	--------	--	--	--

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	305	
39224	4	
41599	1	
43855	300	

D2876RevB  Saddle Spacer		Manufactured	No			120	Each	238.0000	2.0000			
---	--	--------------	----	--	--	-----	------	----------	--------	--	--	--

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	238	
42364	238	

July 1, 2009 11:21:45 AM

Shop Packet Print

Page 11

# Picklist Print

July 1, 2009 11:21:45 AM

Work Order ID: 37507



Parent Item: D412-742-011RevD



Parent Item Name: Float Skidtube Installation



Start Date: 07/15/2009

Required Date: 08/03/2009



Comments:

Start Qty: 1.00



Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D2877RevB 		Manufactured	No			120	Each	179.0000	2.0000			
Saddle Spacer												

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	179	
43857	19	
46518	40	
47292	120	

D3403-1RevB 		Manufactured	No			120	Each	175.0000	16.0000			
Bushing												

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	175	
41709	84	
44368	16	
46691	75	

D3403-3RevB 		Manufactured	No			120	Each	60.0000	8.0000			
Bushing												

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	60	
44369	60	

# Picklist Print

Page 13

July 1, 2009 11:21:45 AM

Work Order ID: 37507



Parent Item: D412-742-011RevD



Parent Item Name: Float Skidtube Installation

Start Date: 07/15/2009

Required Date: 08/03/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3405-041RevB		Manufactured	No			120	Each	27.0000	1.0000			

Lug Assembly

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	27	
47200	6	
47427	21	

D3405-043RevB		Manufactured	No			120	Each	28.0000	1.0000			

Lug Assembly

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	28	
46589	1	
46863	1	
47308	14	
47856	12	

July 1, 2009 11:21:45 AM

Shop Packet Print

Page 13

# Picklist Print

July 1, 2009 11:21:45 AM

Work Order ID: 37507

Parent Item: D412-742-011RevD

Parent Item Name: Float Skidtube Installation


Comments:

Start Date: 07/15/2009

Required Date: 08/03/2009

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3407-041RevE		Manufactured	No			120	Each	28.0000	1.0000			
												
Tow Ring												

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
OFFSHORE		
FG	4	
35780	4	
Main Warehouse		
ST	24	
47309	4	
48356	20	

D3417-3RevD

Manufactured No

120 Each 48.0000 2.0000



Washer

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	48	
42176	18	
44349	30	



# Picklist Print

July 1, 2009 11:21:45 AM

Work Order ID: 37507

Parent Item: D412-742-011RevD

Parent Item Name: Float Skidtube Installation



Start Date: 07/15/2009

Required Date: 08/03/2009



Comments:

Start Qty: 1.00



Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3533-1RevB  Set Screw		Manufactured	No			120	Each	110.0000	2.0000 			

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	110	
44644	10	
47625	100	

D3672-3RevB  Phenolic Washer		Manufactured	No			120	Each	582.0000	32.0000 			
---	--	--------------	----	--	--	-----	------	----------	--	--	--	--

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	582	
34471	56	
47023	26	
48258	500	

D3672-9RevB  Phenolic Washer		Manufactured	No			120	Each	595.0000	8.0000 			
---	--	--------------	----	--	--	-----	------	----------	---	--	--	--

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	595	
35523	595	

# Picklist Print

Page 16

July 1, 2009 11:21:45 AM

Work Order ID: 37507



Parent Item: D412-742-011RevD



Parent Item Name: Float Skidtube Installation

Start Date: 07/15/2009

Required Date: 08/03/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D412-742-015RevD		Manufactured	No			120	Each	4.0000	1.0000			
Electric Step												

Warehouse                      Loc Qty                      Loc Code  
Location

Main Warehouse

FG    4

35939    4

MS21043-3		Purchased	No			120	Each	352.0000	33.0000			

Nut

Warehouse                      Loc Qty                      Loc Code  
Location

OFFSHORE

FG    80

103691    80

Main Warehouse

ST    272

111041    2

111274    2

111383    5

111819    263

July 1, 2009 11:21:45 AM

Shop Packet Print

Page 16

# Picklist Print

Page 17

July 1, 2009 11:21:45 AM

Work Order ID: 37507



Parent Item: D412-742-011RevD



Parent Item Name: Float Skidtube Installation



Start Date: 07/15/2009

Required Date: 08/03/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS21043-4 		Purchased	No			120	Each	276.0000	29.0000			
Nut												

## Warehouse

## Loc Qty

## Loc Code

### Location

OFFSHORE

FG

40

104603

40

Main Warehouse

ST

236

111125

34

111177

5

111274

19

111424

28

111819

150

July 1, 2009 11:21:45 AM

Shop Packet Print

Page 17

12

Customer	: CU-DAR001 Dart Helicopters Services	Drawing Name	: FLOAT SKIDTUBE
Job Number	: 37507		
Estimate Number	: 12877		
P.O. Number	:	Part Number	: D412742011
This Issue	: 2/20/2008      S.O. No. :	Drawing Number	: N/A
Prsht Rev.	: NC	Project Number	: N/A
First Issue	: / /      Type : LANDING GEAR	Drawing Revision	: D
Previous Run	: 37506	Material	:
		Due Date	: 3/17/2008      Qty:      1 Um: . Each
Written By	: <u>HJ 08 02 21</u>		
Checked & Approved By	: _____		
Comment	: Est Rev: A 05.10.13    New Issue KJJ/JLM Est Rev:B 06-06-08    As per DSI9336 JLM Est Rev:C 07-05-28    As per Rev C     JLM est rev D 07.11.01    ecn 1053P       EC est rev E 07.11.27    ecn 1072       EC verified by:DD		

## Job Number:



Seq. #:	Machine Or Operation:	Description :
---------	-----------------------	---------------

1.0	DC
-----	----

DOCUMENT CONTROL



Comment: DOCUMENT CONTROL

Photocopy bluefile and create labels per PPP D412-742-011 CHG004

~~G004~~ 005 ECN 08-510

2.0 37507A

## FLOAT SKID ASSEMBLY



**Comment:** Sub-Component FLOAT SKID ASSEMBLY

D412-742-041 B

3.0	D412742015
-----	------------

## Electric Step Kit



**Comment:** Qty.: 1.0000 Each(s)/Unit    Total : 1.0000 Each(s)

## Electric Step Kit

Batch:

## 4.0 PACKAGING 1

## PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

## Pick Packing Kit

5.0 D2571

Saddle, Fwd, Out



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

SADDLE

batch:

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

Date: Wednesday, 2/20/2008 4:14:23 PM  
User: Kim Johnston

## Process Sheet

✓ Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: FLOAT SKIDTUBE

Job Number: 37507

Part Number: D412742011

Job Number:



Seq. #:	Machine Or Operation:	Description :
---------	-----------------------	---------------

6.0	D2572	Saddle, Fwd, In
-----	-------	-----------------



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)  
SADDLE  
batch: \_\_\_\_\_

7.0	D2573	Saddle, Aft, Out
-----	-------	------------------



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)  
SADDLE  
batch: \_\_\_\_\_

8.0	D2574	Saddle, Aft, In
-----	-------	-----------------



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)  
SADDLE  
batch: \_\_\_\_\_

9.0	D2876	Saddle Spacer
-----	-------	---------------



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)  
SADDLE SPACER  
batch: \_\_\_\_\_

10.0	D2877	Saddle Spacer
------	-------	---------------



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)  
SADDLE SPACER  
batch: \_\_\_\_\_

11.0	D34031	Bushing
------	--------	---------



Comment: Qty.: 16.0000 Each(s)/Unit Total : 16.0000 Each(s)  
BUSHING  
batch: \_\_\_\_\_

12.0	D2747	Set Screw
------	-------	-----------



Comment: Qty.: 4.0000 Each(s)/Unit Total : 4.0000 Each(s)  
Set Screw  
batch: \_\_\_\_\_

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

Date: Wednesday, 2/20/2008 4:14:23 PM  
User: Kim Johnston

## Process Sheet

✓ Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: FLOAT SKIDTUBE

Job Number: 37507

Part Number: D412742011

Job Number:



Seq. #:	Machine Or Operation:	Description :
---------	-----------------------	---------------

13.0	D35331	Set Screw
------	--------	-----------



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)  
Set Screw  
BATCH: \_\_\_\_\_

14.0	AN4C6A	Bolt
------	--------	------



Comment: Qty.: 16.0000 Each(s)/Unit Total : 16.0000 Each(s)  
BOLT  
batch: \_\_\_\_\_

15.0	AN4C52A	BOLT
------	---------	------



Comment: Qty.: 8.0000 Each(s)/Unit Total : 8.0000 Each(s)  
BOLT  
batch: \_\_\_\_\_

16.0	AN6C12A	BOLT
------	---------	------



Comment: Qty.: 8.0000 Each(s)/Unit Total : 8.0000 Each(s)  
BOLT  
batch: \_\_\_\_\_

17.0	D36723	PHENOLIC WASHER
------	--------	-----------------



Comment: Qty.: 32.0000 Each(s)/Unit Total : 32.0000 Each(s)  
PHENOLIC WASHER  
batch: \_\_\_\_\_

18.0	AN960C416L	WASHER
------	------------	--------



Comment: Qty.: 32.0000 Each(s)/Unit Total : 32.0000 Each(s)  
WASHER  
batch: \_\_\_\_\_

19.0	D36729	PHENOLIC WASHER
------	--------	-----------------



Comment: Qty.: 8.0000 Each(s)/Unit Total : 8.0000 Each(s)  
PHENOLIC WASHER  
batch: \_\_\_\_\_



W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

Date: Wednesday, 2/20/2008 4:14:23 PM  
User: Kim Johnston

## Process Sheet

✓ Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: FLOAT SKIDTUBE

Job Number: 37507

Part Number: D412742011

Job Number:



Seq. #:

Machine Or Operation:

Description :

20.0

AN960C616L

WASHER



Comment: Qty.: 8.0000 Each(s)/Unit Total : 8.0000 Each(s)  
WASHER  
batch: \_\_\_\_\_

21.0

D367211

PHENOLIC WASHER



Comment: Qty.: 16.0000 Each(s)/Unit Total : 16.0000 Each(s)  
PHENOLIC WASHER  
batch: \_\_\_\_\_

22.0

MS210434

Nut



Comment: Qty.: 29.0000 Each(s)/Unit Total : 29.0000 Each(s)  
NUT  
batch: \_\_\_\_\_

23.0

AN4C7A

Bolt



Comment: Qty.: 4.0000 Each(s)/Unit Total : 4.0000 Each(s)  
Bolt  
Batch: \_\_\_\_\_

24.0

AN3C37A

BOLT



Comment: Qty.: 3.0000 EACH(s)/Unit Total : 3.0000 EACH(s)  
BOLT  
batch: \_\_\_\_\_

25.0

AN3C40A

BOLT



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)  
BOLT  
batch: \_\_\_\_\_

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

Date: Wednesday, 2/20/2008 4:14:23 PM  
User: Kim Johnston

## Process Sheet

✓ Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: FLOAT SKIDTUBE

Job Number: 37507

Part Number: D412742011

Job Number:



Seq. #:	Machine Or Operation:	Description :
---------	-----------------------	---------------

26.0	AN3C41A	BOLT
------	---------	------



Comment: Qty.: 3.0000 Each(s)/Unit Total : 3.0000 Each(s)  
BOLT  
batch: \_\_\_\_\_

27.0	AN3C42A	BOLT
------	---------	------



Comment: Qty.: 3.0000 Each(s)/Unit Total : 3.0000 Each(s)  
BOLT  
batch: \_\_\_\_\_

28.0	AN3C43A	BOLT
------	---------	------



Comment: Qty.: 3.0000 Each(s)/Unit Total : 3.0000 Each(s)  
BOLT  
batch: \_\_\_\_\_

29.0	AN3C44A	BOLT
------	---------	------



Comment: Qty.: 9.0000 Each(s)/Unit Total : 9.0000 Each(s)  
BOLT  
Batch: \_\_\_\_\_

30.0	AN3C47A	BOLT
------	---------	------



Comment: Qty.: 10.0000 Each(s)/Unit Total : 10.0000 Each(s)  
BOLT  
Batch: \_\_\_\_\_

31.0	AN960C10L	washer
------	-----------	--------



Comment: Qty.: 66.0000 Each(s)/Unit Total : 66.0000 Each(s)  
washer  
batch: \_\_\_\_\_

32.0	MS210433	Nut
------	----------	-----



Comment: Qty.: 33.0000 Each(s)/Unit Total : 33.0000 Each(s)  
Nut  
batch: \_\_\_\_\_

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

Date: Wednesday, 2/20/2008 4:14:24 PM  
User: Kim Johnston

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: FLOAT SKIDTUBE

Job Number: 37507

Part Number: D412742011

Job Number:



Seq. #:

Machine Or Operation:

Description :

33.0

D34033

Bushing



Comment: Qty.: 8.0000 Each(s)/Unit Total : 8.0000 Each(s)  
BUSHING  
batch: \_\_\_\_\_

34.0

D3405041

Lug Assembly



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)  
GHW LUG  
batch: \_\_\_\_\_

35.0

D3405043

Lug Assembly



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)  
GHW LUG  
batch: \_\_\_\_\_

36.0

AN4C46A

BOLT



Comment: Qty.: 4.0000 Each(s)/Unit Total : 4.0000 Each(s)  
BOLT  
batch: \_\_\_\_\_

37.0

D3407041

Tow Ring



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)  
TOWRING  
batch: \_\_\_\_\_

38.0

D34173

Washer



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)  
WASHER  
batch: \_\_\_\_\_

39.0

D34561

washer



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)  
WASHER  
batch: \_\_\_\_\_

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

Date: Wednesday, 2/20/2008 4:14:24 PM  
User: Kim Johnston

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: FLOAT SKIDTUBE

Job Number: 37507

Part Number: D412742011

Job Number:



Seq. #:

Machine Or Operation:

Description :

40.0

QC4

INSPECT 100% KITS FOR COMPLETENESS



Comment: INSPECT 100% KITS FOR COMPLETENESS

41.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and pack for shipping as per PPP D412-742-011

Location: \_\_\_\_\_

42.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

Job Completion





W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

REFERENCE

## 5.0 PARTS LIST

## 5.1 D412-742-011 (PMA/OEM) Float Skidtube Installation Parts List

Item	Qty -011	Qty -041	Qty -015	Part Number	Description
	X			D412-742-011	FLOAT SKIDTUBE INSTALLATION
	1	X		D412-742-041	FLOAT SKIDTUBE
	1		X	D412-742-015	ELECTRIC STEP KIT
		1		D3391-041	412 FLOAT SKIDTUBE
1		*24		*AN3C4A	*BOLT
3		*12		*AN3C6A	*BOLT
4		*8		*AN3C7A	*BOLT
5		*44		*AN960C10L	*WASHER
6		*4		*MS27039C4-12	*SCREW
7A		*4		*D3672-3	*WASHER (REPLACES NAS1515H4L)
7B		*4		*AN960C416L	*WASHER
21A		*1		*D3564-1	*WEARSHOE (REPLACES D3460-1)
21B		*1		*D3566-1	*GASKET
22A		*1		*D3564-3	*WEARSHOE (REPLACES D3460-3)
22B		*1		*D3566-1	*GASKET
23A		*1		*D3564-5	*WEARSHOE (REPLACES D2577-5)
23B		*1		*D3566-5	*GASKET
10		*1		*D3391-011	*412 FORWARD TUBE
11		**1		**D3401-041	**TOW CAP
12A		**10		**AELS-1032-225	**INSERT (REPLACES NAS1330S3KB166)
12B		**2		**AELS-1032-130	**INSERT (REPLACES NAS1330S3KB166)
13		**10		**AN3C4A	**BOLT
14A		*4		**D3672-1	**WASHER (REPLACES NAS1515H3L)
14B		**10		**AN960C10L	**WASHER
24A		**1		**D3564-13	**WEARSHOE
24B		**1		**D3566-13	**GASKET
20		*1		*D3391-013	*412 MID TUBE
28		**24		**AELS-1032-130	**INSERT (REPLACES NAS1330S3KB116)
30		*1		*D3391-015	*412 AFT TUBE
25A		**1		**D3537-1	**WEARPAD
25B		**1		**D3553-1	**GASKET
26A		**1		**D3537-7	**WEARPAD
26B		**1		**D3553-3	**GASKET
31		**1		**D2646	**AFT CAP
32		**14		**AELS-1032-130	**INSERT
36		**12		**AELS-1032-225	**INSERT (REPLACES NAS1330S3KB366)
37A		**6		**AN3C4A	**BOLT
37B		**4		**AN3C5A	**BOLT
38A		**2		**D3672-1	**WASHER (REPLACES NAS1515H3L)
38B		**10		**AN960C10L	**WASHER
39		**4		**ALS4-428-165	**INSERT (REPLACES NAS1330S4KB151)

(CONTINUED ON PAGE 17)

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Revision: D

Date: 07.10.04

(CONTINUED FROM PAGE 16)

Item	Qty -011	Qty -041	Qty -015	Part Number	Description
40	1			D2571	SADDLE, FWD OUTSIDE
41	1			D2572	SADDLE, FWD INSIDE
42	1			D2573	SADDLE, AFT OUTSIDE
43	1			D2574	SADDLE, AFT INSIDE
44	2			D2876	SADDLE SPACER
45	2			D2877	SADDLE SPACER
46	16			D3403-1	BUSHING
47A	4			D2747	SET SCREW
47B	2			D3533-1	SET SCREW
48	16			AN4C6A	BOLT
49	8			AN4C52A	BOLT
50	8			AN6C12A	BOLT
51A	32			D3672-3	WASHER (REPLACES NAS1515H4L)
51B	32			AN960C416L	WASHER
52A	8			D3672-9	WASHER (REPLACES NAS1515H6L)
52B	8			AN960C616L	WASHER
53	16			D3672-11	WASHER (REPLACES NAS1515H7L)
54	24			MS21043-4	NUT
55	4			AN4C7A	BOLT
60	8			D3403-3	BUSHING
61	1			D3405-041	GHW LUG
62	1			D3405-043	GHW LUG
63	4			AN4C46A	BOLT
64	4			MS21043-4	NUT
70	1			D3407-041	TOW RING
71	2			D3417-3	WASHER
72	1			MS21043-4	NUT
73	1			D3456-1	WASHER
80			1	D2913	DOUBLER
81		***4		***ALS4-428-165	***INSERT (REPLACES NAS1329S4KB140)
82		***4		***AELS-1032-130	***INSERT (REPLACES NAS1330S3KB116)
83			2	MS21043-4	NUT
84			2	MS24693-C272	SCREW
85			1	MS35489-35	GROMMET
86			1	MS35489-93	GROMMET
87		***4		***MS27039C1-09	***SCREW
88		***4		***MS27039C4-08	***SCREW
89A		***4	2	***D3672-1	***WASHER (REPLACES NAS1515H3L)
89B		***4	2	***AN960C10L	***WASHER
90A		***4		***D3672-3	***WASHER (REPLACES NAS1515H4L)
90B		***4		***AN960C416L	***WASHER
91	3			AN3C37A	BOLT
92	2			AN3C40A	BOLT
93	3			AN3C41A	BOLT
94	3			AN3C42A	BOLT
95	3			AN3C43A	BOLT
96	9			AN3C44A	BOLT
98	10			AN3C47A	BOLT
99	66			AN960C10L	WASHER
100	33			MS21043-3	NUT

\*DENOTES PART IS INCLUDED WITH D3391-041 ASSEMBLY ABOVE

\*\*DENOTES THAT PART IS INCLUDED ABOVE ASSEMBLY

\*\*\*DENOTES THAT PART IS INCLUDED WITH D3391-013

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